

(Currently Amended) 1. A naming-term based and graphically aided document management and review system comprising:

a document reading means for reading a single document having textual descriptions and at least a drawing having at least a graphic element assigned and illustrated with an alpha-numeral designation, wherein said document reading means is further provided for converting said graphic element assigned with said alphanumerical-designation and said textual descriptions to a plurality of processor-recognized elements;

a search and link means for searching said processor-recognized elements and linking said alpha-numeral designation with at least one associated segment of said textual descriptions including said alpha-numeral designation wherein said alpha-numeral designation ~~linked to~~ designating a naming term illustrated by said graphic element in said document; and

a display means for displaying said drawing with said naming-term displayed immediately next to said graphic element ~~and illustrated with~~ said alpha-numeral designation assigned to said graphic element whereby a document reviewer can directly and graphically view and associate said graphic element together with said naming term.

(Currently Amended) 2. The document management and review system of claim 1 wherein:

said search and link means for searching and linking said associated segment of textual description for said alpha-numeral designation assigned to said graphic element further includes a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said display means is further provided for displaying said column number, said page number, and said line-range number for said segment of textual description next to said alpha-numeral-designation ~~and with~~ said naming term displayed immediately next to said graphic element.

(Currently Amended) 3. The document management and review system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including said user selected naming term designated with an alpha-numeral designation linking to an associated graphic element in said document and for displaying said associated segment of textual description next to ~~an~~ said associated graphic element whereby said document reviewer can directly and graphically view and associate said associated graphic element with ~~assigned with a naming term related to~~ said user selected naming-term simultaneously.

(Currently Amended) 4. The document management and review system of claim 1 further comprising:

a database listing said alpha-numeral designation with said naming term and said at least one associated segment of said textual descriptions wherein said at least one associated segment of said textual descriptions includes said alpha-numeral designation with said alpha-numeral designation-designating said naming term.  
~~a user interface provided for allowing a user to input a user-selected naming term to invoke said search and link means for searching and linking said user-selected naming term to an associated segment of textual description including a naming term related to said user-selected naming term assigned to an associated graphic element; and said display means is further provided for displaying a drawing having said user-selected naming term displayed immediately next to said associated graphic element.~~

(Currently Amended) 5. The document management and review system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including a naming term related to said user selected naming term designated with an alpha-numeral designation linking to ~~and~~ an associated graphic element ~~linked to said naming-term~~ for displaying said associated segment of textual description and a column number, or a page number, and a line-range number, for said associated segment of textual description and at least a figure number of said associated graphic element.

(Currently Amended) 6. The document management and review system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected alpha-numeral designation to invoke said search and link means for searching and linking said user-selected alpha-numeral designation to an associated segment of textual description including said user-selected alpha-numeral designation and a naming term associated with said alpha-numeral designation in said document; and

said display means is further provided for displaying at least a drawing having a graphic element linked by said user-selected alpha-numeral designation for displaying with said naming term associated with said user-selected alpha-numeral designation immediately next to said graphic element whereby said document reviewer can directly and graphically view said drawing with said user selected alpha-numeral designation simultaneously with said naming term disposed immediately next to said graphic element.

(Currently Amended) 7. A method of naming-term based and graphically aided document review and management comprising:

- a) employing a document reading means for reading a single document having textual descriptions and at least a drawing having graphic elements ~~each~~ marked with an alpha-numeral designation ~~or a graphic element naming term~~;
- b) converting said document including said graphic elements and said alpha-numeral-designation ~~or said graphic element naming term~~ to a plurality of processor-recognized elements;
- c) employing a search and link means for searching said processor-recognized elements and linking each of said alpha-numeral designation ~~or said graphic element naming term~~ with at least one associated segment of textual description including said alpha-numeral designation designating a naming term ~~or said graphic element naming term in said document~~; and
- d) ~~employing a display means for~~ displaying said drawing with said naming-term immediately next to said graphic element marked by said alpha-numeral designation whereby a document reviewer can directly and graphically view and associate said graphic element together with said naming term ~~or said graphic element naming term~~.

(Currently Amended) 8. The method of document management of claim 7 wherein:

said step c) further includes a step of employing a document-location-finder means for locating a column ~~or number~~, a page number, and a line-range number for said at least one associated segment of textual description; and

said step d) of ~~employing said display means for~~ displaying said naming term immediately next to said graphic elements further displaying said column ~~or number~~, said page number, and said line-range number for said segment of textual description for each of said graphic elements.

(Currently Amended) 9. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description in said document that includes said user selected naming term designated with an alpha-numeral designation linking to an associated graphic element for displaying said associated segment of textual description including said user selected naming term immediately next to ~~an~~ said associated graphic element ~~associated with said user selected naming term~~.

(Currently Amended) 10. The method of document management of claim 7 further comprising:

listing said alpha-numeral designation with said naming term and said at least one associated segment of said textual descriptions wherein said at least one associated segment of textual description includes said alpha-numeral designation with said alpha-numeral designation designating said naming term.

~~e) employing a user interface for allowing a user to input a user-selected naming term to invoke said search and link means for searching and linking said user-selected naming term to an associated segment of textual description including said user-selected naming term in said document; and~~

~~f) employing said display means for displaying a drawing having with said user-selected naming term displayed immediately next to said graphic element.~~

(Currently Amended) 11. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user selected graphic element naming-term to invoke said search and link means for searching and linking said user selected graphic element naming-term to an associated segment of textual description that including said user-selected graphic naming-term and for displaying said associated segment of textual description and a column or number, a page number, and a line-range number for said associated segment of textual description immediately next to a graphic element marked with said user-selected graphic element naming-term.

(Currently Amended) 12. The method of document management of claim 7 further comprising:

- e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description ~~in said document~~ including said user-selected naming-term designated by an alpha-numeral designation linking to an associated graphic element; and
- f) ~~employing said display means for~~ displaying at least a drawing and said associated segment of textual description including said user-selected naming-term immediately next to a said associated graphic element ~~linked by said user-selected naming-term with said associated segment of textual description.~~

(Currently Amended) 13. A naming-term based and graphically aided document review and management system for reading a single document having textual descriptions and at least a drawing consisted of graphic elements each designated with ~~an alpha-numeral designation or a graphic element designations~~ naming-term associated with a naming term in said textual description in said single document, comprising:

- a display means for displaying said drawing with said naming term ~~included in said textual description in said single document~~ displayed immediately next to ~~each of said~~ graphic elements whereby a document reviewer can directly and simultaneously view and associate said naming term to said graphic element.

(Currently Amended) 14. The document review and management system of claim 13 wherein:

- said display means is further provided for displaying a column or number, a page number, and a line-range number along with said segment of textual description located in said document immediately next to said naming term.



(Currently Amended) 15. The document review and management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description ~~in said single document~~ including said user-selected naming term and at a figure number of an associated graphic element linked by said user-selected naming term for displaying said associated segment of textual description and said figure number of said associate graphic element.

(Currently Amended) 16. The document review and management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description ~~in said single document~~ including said user-selected naming term and an associated graphic element related to said user-selected naming-term for displaying said user-selected naming-term immediately next to said associated graphic element in said drawing.

(Currently Amended) 17. The document review and management system of claim ~~13~~ 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description ~~in said single document~~ including said user-selected term and for displaying said associated segment of textual description with a column or ~~number~~, a page number, and a line-range number for said associated segment of textual description in said document.

(Currently Amended) 18. The document and review management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description ~~in said single document~~ including said user-selected naming term and an associated graphic element in said drawing related to said user-selected naming-term; and

said display means is further provided for displaying a drawing showing said associated graphic element with said associated segment of textual description and said column or ~~number~~, said page number, and said line-range number for said associated segment of textual description displayed immediately next to said graphic element.

(Currently Amended) 19. A method for reading and managing a single document having textual descriptions and at least a drawing consisted of graphic elements ~~each~~ designated with an ~~alpha-numeral~~ graphic element designation ~~designated by~~ associated with a naming term in one of said textual descriptions of said single document, comprising:

employing a display means for displaying said drawing with said naming term included in said textual description ~~in said single document~~ displayed immediately next to ~~each of~~ said graphic elements whereby a document reviewer can directly and simultaneously view and associate said naming term to said graphic element.

(Currently Amended) 20. The method of ~~reading and managing said document~~ of claim 19 wherein:

said step of displaying said drawing further comprising a step of displaying immediately next to ~~each of~~ said graphic elements an associated segment of textual description including said naming term ~~identified with said alpha-numeral designation in said textual description of said single document.~~

(Currently Amended) 21. The method of ~~reading and managing said document~~ of claim 19 further comprising:

employing a user interface for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description including said user-selected naming term ~~in said textual description of said single document~~ and an associated graphic element related to said user-selected naming term for displaying a drawing with said associated segment of textual description including said user-selected naming term immediately next to said graphic element.